

## Vacuum lifter

**Righetti** Vacuum lifters SPECIALISTS  
smart vacuum lifters

Series

F14A 4200

 Kg max  
4200

**AIR** Power supply  
Compressed Air



The vacuum lifter for metal sheet **F14A-4200** is a model with compressed air operating system and requires connection to the pneumatic system. The model F14A-4200 has a maximum capacity of 4200 kg, it is composed by a crossbar which can be produced in different lengths and 14 suction pads d. 390 mm distributed on 7 arms. **The suction pads**, equipped with springs, are **specific for sheet metal made of special oil-resistant vulcanized rubber**.

The adjustment of the position of the pads and arms, together with the possibility of using only the central plates, allows to **adapt the lifter to the different formats** of the metal sheets to be lifted. The F14A4200 model has a steel reinforced supporting structure and a horizontal fixed frame.



Horizontal lifting



14 suction pads d.390 mm



Safety devices



Capacity 4200Kg

Crossbeam from  
4000 to 6000 mmAvailable also with  
capacity 2800kg

For standard sizes:

3 x 1,5 m



4 x 2 m



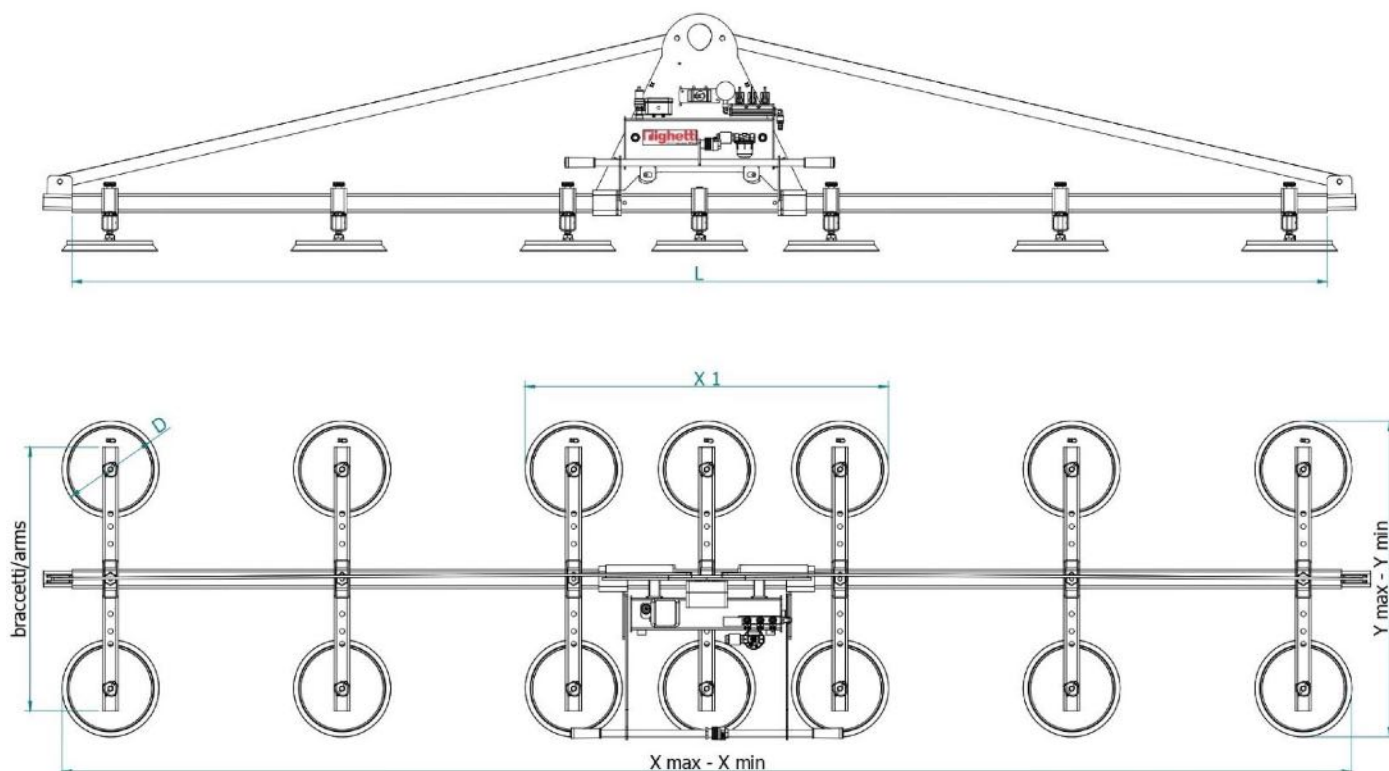
6 x 2,5 m



### Technical specification

<b>Application</b>	Metal sheet, stainless steel, aluminium, plastic panels
<b>Lifting capacity</b>	4200 kg
<b>Suction pads</b>	Nr. 14 suction pads in vulcanized rubber, diameter 390 mm Suction pads with spring supports Exclusion of suction pads by cross arm
<b>Frame</b>	Steel frame structure fixed in horizontal position The suction pads are distributed on 5 cross arms Adjustable position of suction pads and arms
<b>Operating system</b>	Compressed air
<b>Vacuum system</b>	Vacuum circuit with vacuum reservoir, non-return valve, vacuum filter
<b>Safety systems</b>	Vacuum gauge with colored scale Audio visual low vacuum warning powered independently and with back up battery
<b>Weight of lifter</b>	Depends on the configuration
<b>Command</b>	Suction and release by slide valve command with safety system

## Technical drawing



## Series F14A 4200

 **Kg max 4200**

Pads		Capacity kg	L mm	Arms		X (mm)		Y (mm)		Product code
nr.	Ø			nr.	mm	min	max	min	max	
14	390	4200	4000	7	1330	1225	4145	800	1580	F14A4200/4-4000/1270
			5000	7	1330	1225	5145	800	1580	F14A4200/4-5000/1270
			6000	7	1330	1225	6145	800	1580	F14A4200/4-6000/1270